

REMARKS

Applicant representative would like to thank Examiner Ramin and her SPE, Chris Kelly, for granting a telephone interview to discuss the pending application and the Office Action on April 26, 2006.

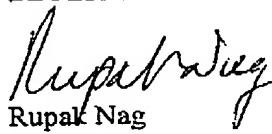
In the Office Action, claims 1-21, 29-34, and 36-47 were rejected under 35 U.S.C. section 102(b) as being anticipated by the DOCSIS Specification (the "RFT" reference). Claims 1, 15, 29, 34, 36, 37, and 47 have been amended based on issues raised during the telephone interview. Claim 21 has been canceled.

Claims 1, 29, 36 and 37 have been amended to recite that the interruption in periodic ranging is deliberate. As described in the specification, the interruption can be initiated by a home user or a cable modem network operator. Claims 15, 34 and 47 have been similarly amended to recite that the break in the ranging is done "manually."

All the above-mentioned claims have been amended to include the limitation that the interruption or break in the periodic ranging is occurring at the MAC/physical layer of the cable modem network and that it is caused by the CMTS receiving a clear modem reset command from the provisioning system.

Applicant believes that all pending claims are allowable and respectfully requests a Notice of Allowance for this application from the Examiner. Should the Examiner believe that a telephone conference would expedite the prosecution of this application, the undersigned can be reached at the telephone number set out below.

Respectfully submitted,
BEYER WEAVER & THOMAS, LLP



Rupak Nag
Reg. No. 37,493

Beyer Weaver & Thomas, LLP
P.O. Box 70250
Oakland, CA 94612-0250
Telephone: (612) 252-3335
Facsimile: (612) 825-6304